

# Notice of Allowability

Application No.

10/816,063

Examiner

Brian T. Misiura

Applicant(s)

YAMAMOTO ET AL.

Art Unit

2111

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/4/2007.
2. ☒ The allowed claim(s) is/are 1-77.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|  | 9. <input type="checkbox"/> Other _____   |

## **Detailed Action**

### ***Response to Arguments***

Applicant's arguments, see Remarks/Claims, filed 7/30/2007, with respect to 35 U.S.C. 112 second paragraph rejection of Claims 1, 12, 23, 34, 44, 54, 64, 68, and 72 have been fully considered and are persuasive. The 112 second paragraph rejection of Claims 1, 12, 23, 34, 44, 54, 64, 68, and 72 has been withdrawn.

### ***Allowable Subject Matter***

Claims 64, 68, and 72 were previously rejected under 35 U.S.C. 112, 2nd paragraph, set forth in the previous Office action. However, an amendment to the Claims has overcome that rejection and therefore Claims 64, 68, and 72 are considered to be allowable.

Claims 65-67, 69-71, and 73-75 were objected to as being dependent upon a rejected base claim, but would be allowable if the base claims were rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in the Office.

The previous 112 second paragraph rejection against Claims 64, 68, and 72 has been overcome by claim amendments. Therefore, Claims 65-67, 69-71, and 73-75 are also considered to be allowable.

The following is a statement of reasons for the indication of allowable subject matter:

Claims 64, 68, and 72 are considered to be containing allowable subject matter, primarily due to the fact that they all claim "a regulator configured to regulate a power supply voltage supplied by the PC card control apparatus in order to adapt the power supply voltage for the second PC card." This cited limitation in combination with all other existing limitations of claims 64, 68, and 72 put claims 64-75 in condition for allowance.

Prior art found for this case often contained a means of regulating the voltage for the second PC card, however no references found contained the regulator **within** the passive-adaptor card itself.

Claims 65-67, 69-71, and 73-75 inherit the allowable subject matter of Claims 64, 68, and 72.

Independent Claims 1, 12, 23, 34, and 44 have all been amended to add limitations described below. Said claims have been amended to specify that the interconnection switching circuit is configured to switch the connections of the PC card connector to connect the PC card connector to a bus interface of said host computer dedicated to communicate data in said second data format, upon receiving the detection signal from the card detector. This added limitation distinguishes the claimed invention from the cited prior art of the previous office action. The addition of these claim limitations, in combination with all other existing limitations in the claims, puts the independent claims listed above in a condition for allowance.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian T. Misiura whose telephone number is (571) 272-0889. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached on (571) 272-3632. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

BTM



PAUL R. MYERS  
PRIMARY EXAMINER